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discrete event simulation and electronic? and assembly

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1 Virtual factory - highly interactive visualisation for manufacturing

Mueller-Wittig, W.; Jegathese, R.; Meehae Song; Quick, J.; Haibin Wang; Yon Zhong;

Simulation Conference, 2002. Proceedings of the Winter, Volume: 2, 8-11 D 2002

Pages: 1061 - 1064 vol. 2

[Abstract] [PDF Full-Text (546 KB)] **IEEE CNF** 

2 Analysis of electronics assembly operations: Longbow Hellfire missi power supply

Springfield, K.G.; Hall, J.D.; Bell, G.W.;

Simulation Conference Proceedings, 1999. Winter, Volume: 1, 5-8 Dec. 1999 Pages:689 - 693 vol.1

[Abstract] [PDF Full-Text (396 KB)]

3 A simulation based decision support approach for operational capac planning in a customer order driven assembly line

Andersson, M.; Olsson, G.;

Simulation Conference Proceedings, 1998. Winter, Volume: 2, 13-16 Dec. 19 Pages:935 - 941 vol.2

[Abstract] [PDF Full-Text (752 KB)] **IEEE CNF** 

4 Stochastic optimization applied to a manufacturing system operatio problem

Brennan, R.W.; Rogers, P.;

Simulation Conference Proceedings, 1995. Winter, 3-6 Dec. 1995

Pages:857 - 864

[Abstract] [PDF Full-Text (600 KB)] **IEEE CNF** 



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### 1 Using simulation to evaluate site traffic at an automobile truck plan

Simulation Conference, 2001. Proceedings of the Winter, Volume: 2, 9-12 D

Pages:1013 - 1016 vol.2

[Abstract] [PDF Full-Text (310 KB)]

### 2 Analysis of conveyor systems within automotive final assembly

Williams, E.J.; Celik, H.;

Simulation Conference Proceedings, 1998. Winter, Volume: 2, 13-16 Dec. 19 Pages:915 - 920 vol.2

[Abstract]

[PDF Full-Text (488 KB)] **IEEE CNF** 

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### 1 Using simulation to evaluate site traffic at an automobile truck plan

Hugan, J.C.;

Simulation Conference, 2001. Proceedings of the Winter, Volume: 2, 9-12 D 2001

Pages:1013 - 1016 vol.2

[Abstract] [PDF Full-Text (310 KB)] **IEEE CNF** 

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nguyen and discrete event simulation

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1 Transient sensitivity computation in controlled explicit piecewise lin simulation

Nguyen, T.V.; Devgan, A.; Nastov, O.J.; Winston, D.W.;

Computer-Aided Design of Integrated Circuits and Systems, IEEE Transaction on , Volume: 19 , Issue: 1 , Jan. 2000

Pages:98 - 110

[Abstract] [PDF Full-Text (248 KB)] **IEEE JNL** 

2 Evaluating the impact of process changes on cluster tool performan Herrmann, J.W.; Chandrasekaran, N.; Conaghan, B.F.; Nguyen, M.-Q.; Rublo G.W.; Shi, R.Z.;

Semiconductor Manufacturing, IEEE Transactions on , Volume: 13 , Issue: 2 , 2000

Pages:181 - 192

[PDF Full-Text (224 KB)] [Abstract] IEEE JNI

3 Understanding the impact of equipment and process changes with a heterogeneous semiconductor manufacturing simulation environment Herrmann, J.W.; Conaghan, B.F.; Henn-Lecordier, L.; Mellacheruvu, P.; Manh Quan Nguyen; Rubloff, G.W.; Shi, R.Z.;

Simulation Conference Proceedings, 2000. Winter, Volume: 2, 10-13 Dec. 20 Pages:1491 - 1498 vol.2

[Abstract] [PDF Full-Text (844 KB)]

4 Parsim: a parallel trace-driven simulation facility for fast and accura performance analysis studies

Nguyen, A.-T.; Wellman, J.D.; Bose, P.;

Performance, Computing, and Communications Conference, 1997. IPCCC 199 IEEE International, 5-7 Feb. 1997

Pages: 291 - 297

#### [Abstract] [PDF Full-Text (560 KB)] IEEE CNF

#### 5 State transformation in event driven explicit simulation

Nguyen, T.V.; Devgan, A.;

Computer-Aided Design, 1997. Digest of Technical Papers., 1997 IEEE/ACM International Conference on , 9-13 Nov. 1997

Pages: 289 - 294

[Abstract] [PDF Full-Text (488 KB)] IEEE CNF

#### 6 Ethersim: a simulator for wireless and mobile networks

Mishra, P.; Srivastava, M.; Agrawal, P.; Nguyen, G.; Global Telecommunications Conference, 1996. GLOBECOM '96. 'Communicatio The Key to Global Prosperity, Volume: 3, 18-22 Nov. 1996 Pages: 2018 - 2027 vol.3

[Abstract] [PDF Full-Text (1156 KB)] IEEE CNF

#### 7 Fuzzy discrete-event simulation with FTipLog

Quan Nguyen; Tu Van Le;

Intelligent Information Systems, 1996., Australian and New Zealand Conferen on , 18-20 Nov. 1996

Pages:195 - 198

[Abstract] [PDF Full-Text (408 KB)] IEEE CNF

#### 8 Scalability of dynamic wireless tactical networks

Milner, S.D.; Wieselthier, J.E.; Iyer, R.R.; Chandrashekar, K.; Thakkar, S.; Ng G.D.;

Military Communications Conference, 2001. MILCOM 2001. Communications f Network-Centric Operations: Creating the Information Force. IEEE , Volume: 31 Oct. 2001

Pages:865 - 872 vol.2

[Abstract] [PDF Full-Text (301 KB)] IEEE CNF

### 9 Transient sensitivity computation for transistor level analysis and tu

Nguyen, T.V.; O'Brien, P.; Winston, D.;

Computer-Aided Design, 1999. Digest of Technical Papers. 1999 IEEE/ACM International Conference on , 7-11 Nov. 1999

Pages:120 - 123

[Abstract] [PDF Full-Text (380 KB)] IEEE CNF

### 10 Adjoint transient sensitivity computation in piecewise linear simula

Nguyen, T.V.; Devgan, A.; Nastov, O.J.;

Design Automation Conference, 1998. Proceedings , 15-19 June 1998 Pages:477 - 482

[Abstract] [PDF Full-Text (516 KB)] IEEE CNF

## 11 Activity measures for fast relative power estimation directed nume transformation for low power DSP synthesis

Nguyen, H.; Chatterjee, A.;

Circuits and Systems, 1996. ISCAS '96., 'Connecting the World'., 1996 IEEE

International Symposium on , Volume: 4 , 12-15 May 1996

Pages:17 - 20 vol.4

[Abstract] [PDF Full-Text (348 KB)] IEEE CNF

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☐ 1. Document ID: US 20040148047 A1

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L2: Entry 1 of 23

File: PGPB

Jul 29, 2004

PGPUB-DOCUMENT-NUMBER: 20040148047

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040148047 A1

TITLE: Hierarchical methodology for productivity measurement and improvement of

productions systems

PUBLICATION-DATE: July 29, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Dismukes, John P	Toledo	ОН	US	
Su, Qi	Toledo	ОН	US	
Huang, Samuel H	Loveland	ОН	US	
Razzak, Mousalam A	Dubai	MI	AE	
wang, Ge	Holland	ОН	US	
Kothamasu, Ranganath	Cincinnati		US	

US-CL-CURRENT: 700/100

Full	Title Citatio	n Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWMC	Drawd De

☐ 2. Document ID: US 20040128120 A1

L2: Entry 2 of 23

File: PGPB

Jul 1, 2004

PGPUB-DOCUMENT-NUMBER: 20040128120

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040128120 A1

TITLE: Simulation method and apparatus for use in enterprise controls

PUBLICATION-DATE: July 1, 2004

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY RULE-47 Coburn, James D. Cleveland Heights OH US Hoskins, Josiah C. Austin TX US Brooks, Ruven E. Shorewood WI US

US-CL-CURRENT: 703/26

Full Title Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KVMC	Drawi De

☐ 3. Document ID: US 20040073404 A1

L2: Entry 3 of 23

File: PGPB

Apr 15, 2004

PGPUB-DOCUMENT-NUMBER: 20040073404

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040073404 A1

TITLE: Mechanical-electrical template based method and apparatus

PUBLICATION-DATE: April 15, 2004

INVENTOR-INFORMATION:

NAME

CITY

STATE

COUNTRY

RULE-47

Brooks, Ruven E. Grooms, David W.

Shorewood Delafield

WI WI US US

US-CL-CURRENT: 702/183

Full Title Citation Front Review Classification Date Reference Sequences Attachments Claims KWC Draw. De

4. Document ID: US 20040034555 A1

L2: Entry 4 of 23

File: PGPB

Feb 19, 2004

PGPUB-DOCUMENT-NUMBER: 20040034555

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040034555 A1

TITLE: Hierarchical methodology for productivity measurement and improvement of

complex production systems

PUBLICATION-DATE: February 19, 2004

INVENTOR-INFORMATION:

NAME CITY RULE-47 STATE COUNTRY Dismukes, John P. Toledo OH US Su, Qi Toledo OH US Huang, Samuel H. Loveland OH US Miller, Lawrence K. Toledo OH US Mittal, Rahul Toledo US OH Razzak, Mousalam A. Dubai OH ΑE Kothamasu, Ranganath Cincinnati OH US Doshi, Milan H. Toledo US

US-CL-CURRENT: <u>705/7</u>

Full Title Citation Front Review Classification Date Reference Sequences Attachments Claims KMC Draw De

5. Document ID: US 20030182083 A1

L2: Entry 5 of 23

File: PGPB

Sep 25, 2003

PGPUB-DOCUMENT-NUMBER: 20030182083

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030182083 A1

TITLE: Diagnostics method and apparatus for use with enterprise controls

PUBLICATION-DATE: September 25, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Schwenke, Marvin J.	Clinton Township	MI	US	
Sinclair, J. Andrew	Cleveland Heights	ОН	US	
Hoskins, Josiah C.	Austin	TX	US	
Brooks, Ruven E.	Shorewood	WI	US	

US-CL-CURRENT: <u>702/183</u>

	Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Drawe De
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		6. , D	Ocume	nt ID:	US 20	030050870	A1						
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PGPUB-DOCUMENT-NUMBER: 20030050870

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030050870 A1

TITLE: Capacity-driven production planning tools

PUBLICATION-DATE: March 13, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Cargille, Brian D.	Palo Alto	CA	US	
Callioni, Gianpaolo	Palo Alto	CA	US	
Johnson, M. Eric	Hanover	NH	US	

US-CL-CURRENT: <u>705/28</u>

Full Title Citation Front Review	Classification   Date   Reference   Sequences	Attachments Claims KMC Draw De
☐ 7. Document ID: US 200	030050826 A1	
L2: Entry 7 of 23	File: PGPB	Mar 13, 2003

PGPUB-DOCUMENT-NUMBER: 20030050826

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030050826 A1

TITLE: Graphical user interface for capacity-driven production planning tool

PUBLICATION-DATE: March 13, 2003

INVENTOR-INFORMATION:

NAME

Cargille, Brian D.

Callioni, Gianpaolo

Johnson, M. Eric

CITY

STATE

COUNTRY

RULE-47

Palo Alto

Hanover

Palo Alto

CA CA

NH

US US

US

US-CL-CURRENT: 705/10

8. Document ID: US 20030050817 A1

L2: Entry 8 of 23

File: PGPB

Full Title Citation Front Review Classification Date Reference Sequences Attachments Claims KWC Draw. De

Mar 13, 2003

PGPUB-DOCUMENT-NUMBER: 20030050817

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030050817 A1

TITLE: Capacity- driven production planning

PUBLICATION-DATE: March 13, 2003

INVENTOR-INFORMATION:

NAME

CITY

STATE

COUNTRY

RULE-47

Cargille, Brian D.

Palo Alto

CA

US US

Callioni, Gianpaolo Johnson, M. Eric

Palo Alto Hanover

ÇA NH

US

US-CL-CURRENT: 705/8

☐ 9. Document ID: US 20020161727 A1

L2: Entry 9 of 23

File: PGPB

Full Title Citation Front Review Classification Date Reference Sequences Attachments Claims KMC Drawt De

Oct 31, 2002

PGPUB-DOCUMENT-NUMBER: 20020161727

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020161727 A1

TITLE: Methods and systems for electronics assembly systems pricing and customer

benefit sharing

PUBLICATION-DATE: October 31, 2002

INVENTOR-INFORMATION:

NAME

CITY

STATE

COUNTRY

RULE-47

http://westbrs:9000/bin/gate.exe?f=TOC&state=vapnf9.3&ref=2&dbname=PGPB,USPT&ES... 9/30/04

Nguyen, Tuan	Duluth	GA	US
Duck, Anthony Peter	Austin	TX	US
Rawles, Ian	Roswell	GA	US
Mair, Thomas	Neuried	GA	DE
Gray, Robert	Buford		US

US-CL-CURRENT: 705/400

Full	Title Citation	Front   Review	Classification	Date Refere	nce Sequences	Attachments	Claims KWMC	Drawt De
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☐ 10. Document ID: US 20020120921 A1

L2: Entry 10 of 23

File: PGPB

Aug 29, 2002

Aug 8, 2002

PGPUB-DOCUMENT-NUMBER: 20020120921

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020120921 A1

TITLE: SIMULATION METHOD AND APPARATUS FOR USE IN ENTERPRISE CONTROLS

PUBLICATION-DATE: August 29, 2002

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY RULE-47

COBURN, JAMES D. CLEVELAND HEIGHTS OH US HOSKINS, JOSIAH AUSTIN TX US BROOKS, RUVEN E. SHOREWOOD WI US

US-CL-CURRENT: 717/140; 703/21, 717/106

Full Title	Citation Front	Review   Classification	Date	Reference	Sequences	Attachments	Claims	KWMC	Drawt De
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File: PGPB

PGPUB-DOCUMENT-NUMBER: 20020107677

PGPUB-FILING-TYPE: new

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DOCUMENT-IDENTIFIER: US 20020107677 A1

TITLE: Electronics assembly systems customer benefit modeling tools and methods

PUBLICATION-DATE: August 8, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Nguyen, Tuan	Duluth	GA	US	
Duck, Anthont Peter	Austin	TX	US	
Rawles, Ian	Roswell	GA	US	
Mair, Thomas	Neuried	GA	DE	
Gray, Robert	Buford		US	

US-CL-CURRENT: 703/13

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☐ 12. Document ID: US 20020082816 A1

L2: Entry 12 of 23

File: PGPB

Jun 27, 2002

PGPUB-DOCUMENT-NUMBER: 20020082816

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020082816 A1

TITLE: Methods and systems for electronics assembly system consultation and sales

PUBLICATION-DATE: June 27, 2002

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY RULE-47 Nguyen, Tuan Duluth GΑ US Duck, Anthony Peter Austin TXUS GA US Rawles, Ian Roswell Mair, Thomas GA DE Neuried Gray, Robert Buford US

US-CL-CURRENT: 703/13

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWC | Draw. De

☐ 13. Document ID: US 6799190 B1

L2: Entry 13 of 23

File: USPT

Sep 28, 2004

US-PAT-NO: 6799190

DOCUMENT-IDENTIFIER: US 6799190 B1

TITLE: Synchronizing databases

DATE-ISSUED: September 28, 2004

INVENTOR-INFORMATION:

NAME

CITY

STATE

ZIP CODE

COUNTRY

Boothby; David J.

Nashua

NH

US-CL-CURRENT: 707/204; 707/10, 707/8

Full Title Citation Front Review Classification Date Reference Zertierices Affockinismits Claims KMC Draw. De

☐ 14. Document ID: US 6718535 B1

L2: Entry 14 of 23

File: USPT

Apr 6, 2004

US-PAT-NO: 6718535

COUNTRY

Mar 9, 2004

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DOCUMENT-IDENTIFIER: US 6718535 B1

TITLE: System, method and article of manufacture for an activity framework design

in an e-commerce based environment

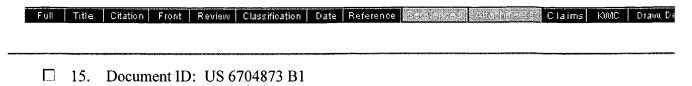
DATE-ISSUED: April 6, 2004

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE

Underwood; Roy Aaron Long Grove IL

US-CL-CURRENT: 717/101; 717/120



File: USPT

US-PAT-NO: 6704873

L2: Entry 15 of 23

DOCUMENT-IDENTIFIER: US 6704873 B1

TITLE: Secure gateway interconnection in an e-commerce based environment

DATE-ISSUED: March 9, 2004

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Underwood; Roy Aaron Long Grove IL

US-CL-CURRENT: 713/201; 709/223, 709/249

Full Title   Citation   Front   Review   Classification	Date   Reference   Sequences   241	ashmerty Claims KWIC Draw.D
☐ 16. Document ID: US 6633878 B1 L2: Entry 16 of 23	File: USPT	Oct 14, 2003
US-PAT-NO: 6633878 DOCUMENT-IDENTIFIER: US 6633878 B1		

DATE-ISSUED: October 14, 2003

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Underwood; Roy Aaron Long Grove IL

US-CL-CURRENT: 707/100; 707/1, 707/102, 707/205

☐ 17. Document ID: US 6618856 B2

L2: Entry 17 of 23

File: USPT

Sep 9, 2003

US-PAT-NO: 6618856

DOCUMENT-IDENTIFIER: US 6618856 B2

TITLE: Simulation method and apparatus for use in enterprise controls

DATE-ISSUED: September 9, 2003

INVENTOR-INFORMATION:

NAME

CITY

STATE ZIP CODE COUNTRY

Coburn; James D.

Cleveland Heights

OH

Hoskins; Josiah C.

Austin

TX

Brooks; Ruven E.

Shorewood

WI

US-CL-CURRENT: 717/135; 700/86, 703/15, 703/22

Full Title Citation Front Review Classifica	ition Date Reference Supplied A	udurinients, Claims   KWC   Draw D
□ 18. Document ID: US 6609128	· R1	***************************************
L2: Entry 18 of 23	File: USPT	Aug 19, 2003
S-PAT-NO: 6609128		

DOCUMENT-IDENTIFIER: US 6609128 B1

TITLE: Codes table framework design in an E-commerce architecture

DATE-ISSUED: August 19, 2003

INVENTOR-INFORMATION:

NAME

CITY

STATE

ZIP CODE

COUNTRY

Underwood; Roy Aaron

Long Grove

IL

US-CL-CURRENT: <u>707/10</u>; <u>707/200</u>

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L2: Entry 19 of 23		File: USPT	Ju	1 29, 2003

US-PAT-NO: 6601233

DOCUMENT-IDENTIFIER: US 6601233 B1

TITLE: Business components framework

DATE-ISSUED: July 29, 2003

INVENTOR-INFORMATION:

Page 9 of 10

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Long Grove

IL

US-CL-CURRENT: 717/102; 717/100, 717/101, 717/103, 717/104, 717/106, 717/107

Full Title Citation Front Review Classification Date Reference Sequence Attachniers Claims KMC Draw De

□ 20. Document ID: US 6556950 B1

L2: Entry 20 of 23

File: USPT

Apr 29, 2003

US-PAT-NO: 6556950

DOCUMENT-IDENTIFIER: US 6556950 B1

TITLE: Diagnostic method and apparatus for use with enterprise control

DATE-ISSUED: April 29, 2003

INVENTOR-INFORMATION:

NAME

CITY

STATE ZIP CODE

COUNTRY

Schwenke; Marvin J.

Clinton Township

MI

Sinclair; J. Andrew

Cleveland Heights

OH

Hoskins; Josiah C. Brooks; Ruven E. Austin

TX WI

US-CL-CURRENT: 702/183; 700/83, 700/86, 705/8, 706/52, 707/103R

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ASSEMBLY	1096718
ASSEMBLIES	295443
ASSEMBLYS	185
ELECTRONIC?	0
ELECTRONICA	238
ELECTRONICC	3
ELECTRONICD	1
ELECTRONICE	20
ELECTRONICI	3
ELECTRONICK	1
ELECTRONICL	3
(L1 AND ELECTRONIC? AND ASSEMBLY ).PGPB,USPT.	23

There are more results than shown above. Click here to view the entire set.

#### **Hit List**

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Search Results - Record(s) 21 through 23 of 23 returned.

☐ 21. Document ID: US 6523027 B1

Using default format because multiple data bases are involved.

L2: Entry 21 of 23

File: USPT

Feb 18, 2003

US-PAT-NO: 6523027

DOCUMENT-IDENTIFIER: US 6523027 B1

\*\* See image for Certificate of Correction \*\*

TITLE: Interfacing servers in a Java based e-commerce architecture

DATE-ISSUED: February 18, 2003

INVENTOR-INFORMATION:

NAME

CITY

STATE

ZIP CODE

COUNTRY

Underwood; Roy Aaron

Long Grove

IL

US-CL-CURRENT: 707/4; 707/10, 707/100

Full	Title	Citation	Front	Review	Classification	Date	Reference	2	and the	Claims	KWC	Draw De
n	22	Documa	ant ID	. 119.6	268853 B1	***************************************			***************************************	**************************************	·*************************************	######################################

☐ 22. Document ID: US 6268853 B1

L2: Entry 22 of 23

File: USPT

Jul 31, 2001

US-PAT-NO: 6268853

DOCUMENT-IDENTIFIER: US 6268853 B1

TITLE: Data structure for use in enterprise controls

DATE-ISSUED: July 31, 2001

INVENTOR-INFORMATION:

NAME

CITY

STATE

ZIP CODE

COUNTRY

Hoskins; Josiah C.

Austin

ΤX

Brooks; Ruven E.

Shorewood

WI

US-CL-CURRENT: 700/83; 345/764, 345/965

Full Title Citation Front Review Classification Date Reference Seguences Attachinents Claims KMC Draws De

☐ 23. Document ID: US 4796194 A

L2: Entry 23 of 23

File: USPT

Jan 3, 1989

US-PAT-NO: 4796194

DOCUMENT-IDENTIFIER: US 4796194 A

TITLE: Real world modeling and control process

DATE-ISSUED: January 3, 1989

INVENTOR-INFORMATION:

NAME

CITY

STATE

ZIP CODE

COUNTRY

Atherton; Robert W.

Los Altos

CA

94022

US-CL-CURRENT: 700/103; 257/E21.525, 700/29, 700/36, 703/2

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Term	Documents
ASSEMBLY	1096718
ASSEMBLIES	295443
ASSEMBLYS	185
ELECTRONIC?	C
ELECTRONICA	238
ELECTRONICC	3
ELECTRONICD	1
ELECTRONICE	20
ELECTRONICI	3
ELECTRONICK	
ELECTRONICL	3
(L1 AND ELECTRONIC? AND ASSEMBLY ).PGPB,USPT.	23

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